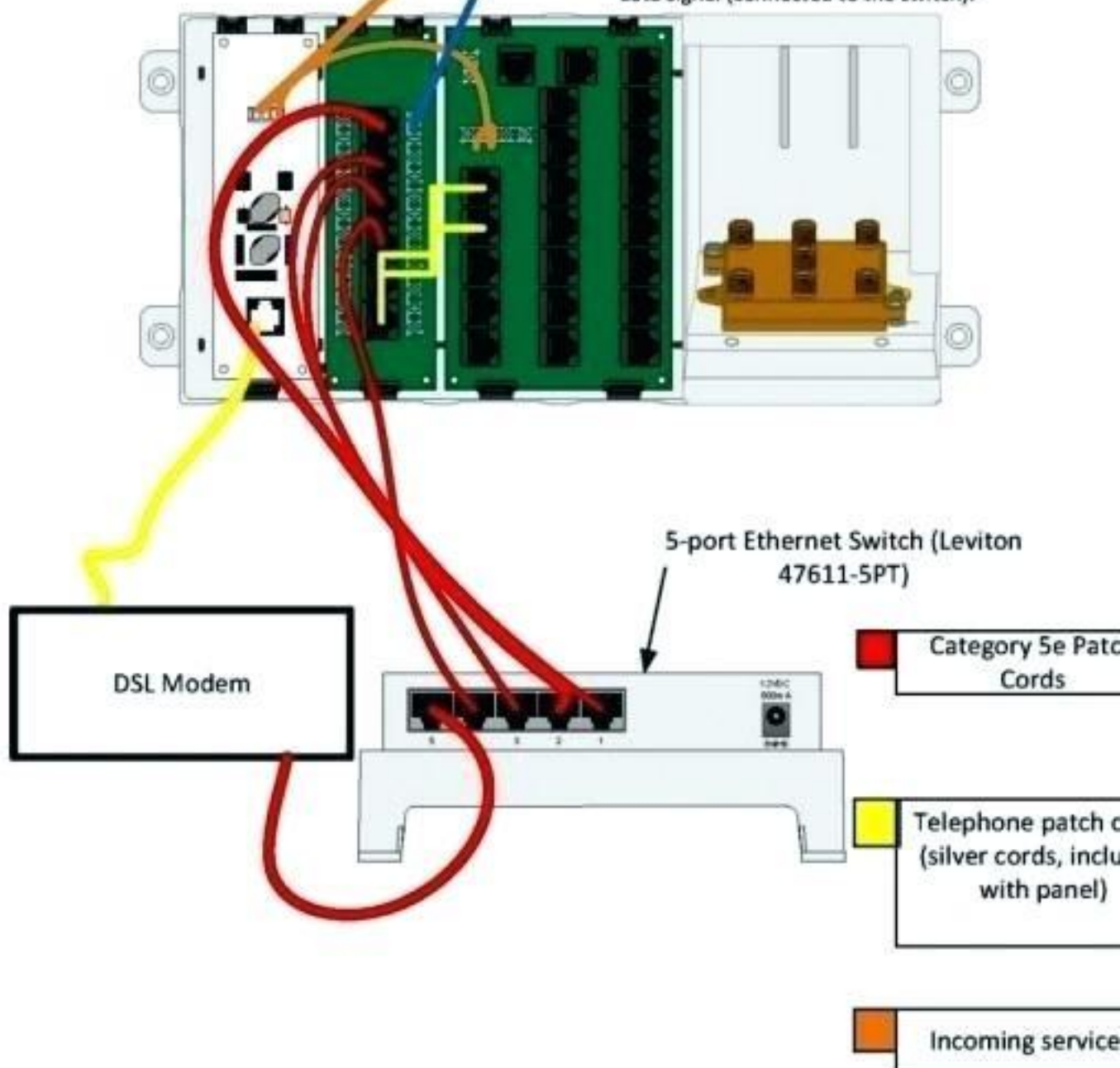
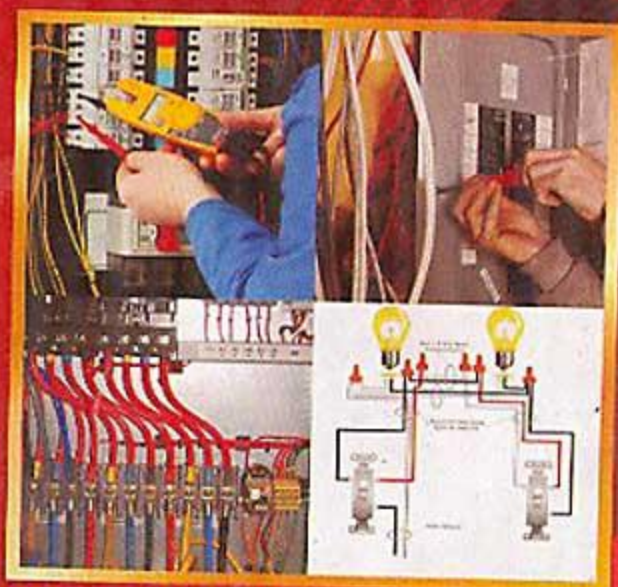
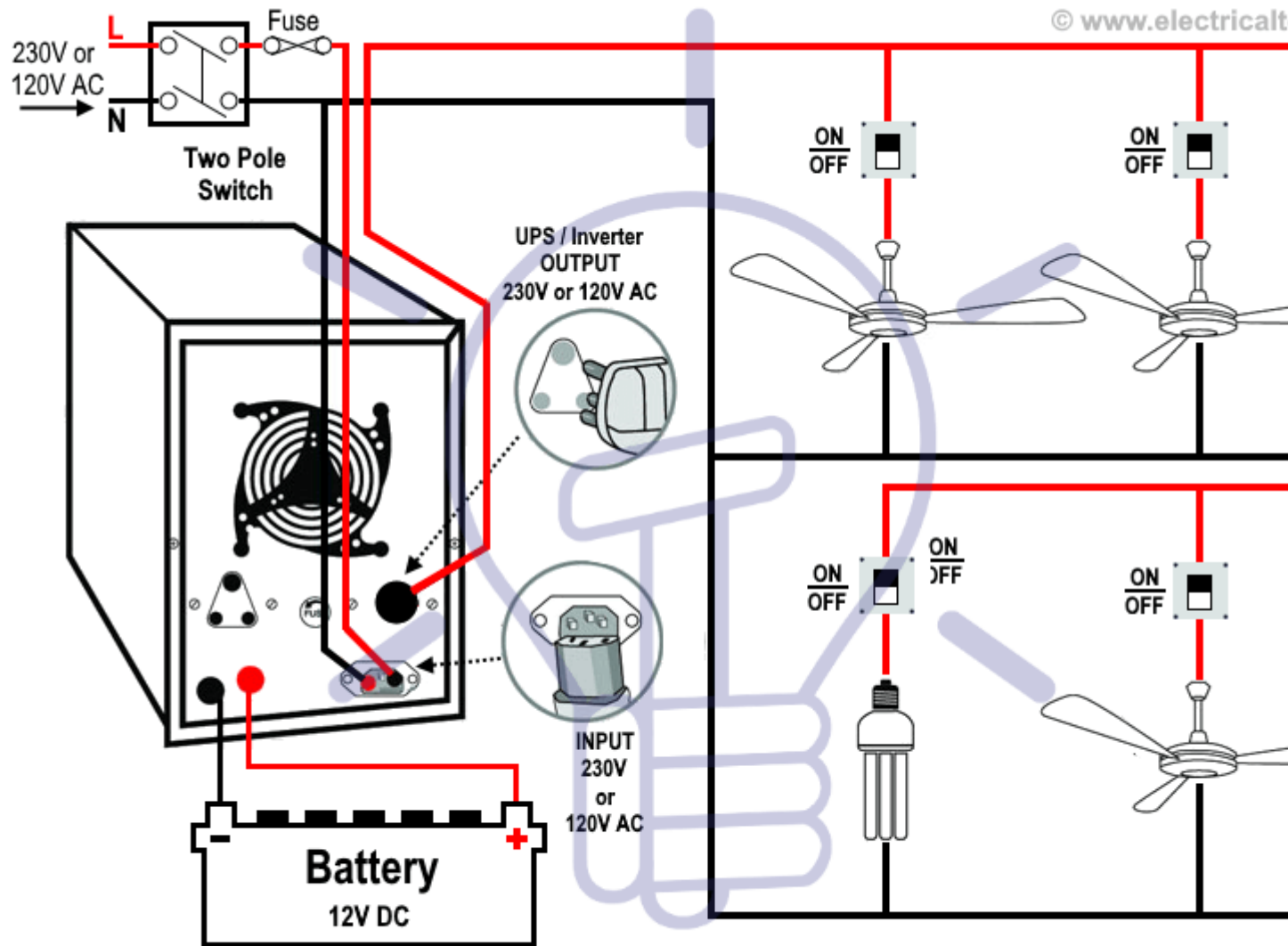
Electrical design project
of a three bed room house (Part 1)
ENERGY &
POWER
FOR ALL //

Use a DSL filter board (the white module shown below). The incoming phone service goes in, and then out of the board, and into the larger telephone distribution module. This filters the data signal, so you will not need to use a filter on each phone jack. The jack on the bottom of the DSL board provides the unfiltered output to your DSL modem.
Incoming phone service
All the in-wall cabling coming from each room is punched down on the smaller green board. Then patch cords are used to "tell" each cable if it will get a phone signal (connected to the larger board) or a data signal (connected to the switch).
5-port Ethernet Switch (Leviton 47611-5PT)
DSL Modem
Category 5e Patc
Cords
Telephone patch c
(silver cords, inclu
with panel)
Incoming service

First Floor - Electrical Plan
Scale 1:78
100 m²
Green House
12,144Btu/Hr 3.6kW
7 x 500 W
2.9 m x 2.9 m / 7 m²
300 W
500 W
500 W
300 W
1000 W
Living Room
6 m x 2.44 m
17.04 m²
7473 Btu/Hr
2.2kW
Dining Room
3 m x 2.44 m 7.32 m²
Guests' Bedroom
3.38 m x 2.44 m
8.25 m²
2832 Btu
0.83kW
500 W
750 W
Hallway
5.94 m x 1.38 m
10.27 m²
Bathroom
1.44 m x 1.88 m
2.7 m²
Utility Room
3.38 m x 1.44 m
4.87 m²
Tankless water heater with subpanel
500 W
1357 Btu
0.4kW
Nook
2.94 m x 2.44 m
7.17 m²
752 Btu
0.22kW
Shelves
300 W
Workbench
Two Car Garage
6.62 m x 6.82 m
486 sq ft or 45.15 m²
Garburator
Kitchen
2.94 m x 4.5 m
13.23 m²
Hallway
1.38 m x 4.5 m
6.21 m²
up
Foyer
5.94 m x 2.5 m
15.97 m²
Range Hood
5649 Btu/Hr
1.7kW
Pantry
5690 Btu/Hr
1.7kW
1000 W
1000 W
1000 W

Consumer Unit / Fuse Box
Bond to Gas and Water
Supply pipes
Tails
32A Ring
Circuit
Spur
20A
Radial
32A
Cooker
Branch
bougetonile.com

इलैक्ट्रिक
वायरिगं
इन्डस्ट्रीयल व हाउस वायरिगं

Automatic UPS / Inverter System Wiring Diagram for Home or C
(Using One Live Wire)